

Appendix - Product Selection Guide

Core Switch

Model	Managed	Total Port	GbE Port		10GbE	Certification			
			100/1000 Base-X SFP	100/1000Base-X SFP and 10/100/1000Base-T UTP	IEEE802.3ae SFP+	Railway EN50121-4	Safety UL60950-1	EN61000-6-2 EN61000-6-4	CE, FCC
ICS-G24S4X	✓	28	20	4 Combo	4	✓	✓	✓	✓
ICS-G24S2X	✓	26	20	4 Combo	2	✓	✓	✓	✓

SyncE Switch

Model	Managed	Total Port	UTP Port	Fiber Port	Sync Ethernet	Certification		
			10/100/1000Base-T	100/1000Base-X		Railway EN50121-4	EN61000-6-2 EN61000-6-4	CE, FCC
IGS-804SM-SE	✓	12	8	4 SFP	✓	✓	✓	✓
IGS-1608SM-SE	✓	24	16	8 SFP	✓	✓	✓	✓

PoE Switch

Model	Managed	Total Port	UTP Port		Fiber Port		PoE Port	Certification				
			10/100 Base-TX	10/100/1000 Base-T	1000 Base-X	100/1000 Base-X	IEEE 802.3at	Railway EN50121-4	Traffic Control NEMA TS2	Safety UL60950-1	EN61000-6-2 EN61000-6-4	CE, FCC
IGS-402SM-4PH24	✓	6		4		2 SFP	4	✓	✓	✓	✓	✓
IGS-803SM-8PH24	✓	11		8		3 SFP	8	✓	✓	✓	✓	✓
IGS-1608SM-8PH	✓	24		16		8 SFP	8	✓		✓	✓	✓
IFS-402GSM-4PH24	✓	6	4			2 SFP	4	✓	✓	✓	✓	✓
IFS-803GSM-8PH24	✓	11	8			3 SFP	8	✓	✓	✓	✓	✓
IFS-1608GSM-8PH	✓	24	16			8 SFP	8	✓		✓	✓	✓
IGS-402S-4PH24		6		4		2 SFP	4	✓		✓	✓	✓
IGS-402F-4PH24		6		4		2 SC	4	✓		✓	✓	✓
IGS-600-4PH24		6		6			4	✓		✓	✓	✓
IFS-802GS-8PH		10	8			2 SFP	8	✓			✓	✓

PoE Converter

Model	Managed	UTP Port		Fiber Port		PoE Port	Certification			
		10/100 Base-TX	10/100/1000 Base-T	100 Base-FX	100/1000 Base-X	IEEE 802.3at	Railway EN50121-4	EN61000-6-2 EN61000-6-4	CE, FCC	
IMC-1000MS-PH12	✓		1			1 SFP		✓	✓	✓
IMC-1000S-PH12			1			1 SFP		✓	✓	✓
IMC-100-PH12		1			1 SC/ST		1	✓	✓	✓

Ethernet Switch

Model	Managed	Total Port	UTP Port		Fiber Port			Certification				
			10/100 Base-TX	10/100/1000 Base-T	100 Base-FX	1000 Base-X	100/1000 Base-X	Railway EN50121-4	Traffic Control NEMA TS2	Safety UL60950-1	EN61000-6-2 EN61000-6-4	CE, FCC
IGS-52804TM	✓ (Rack)	28		4		4 SFP	24 SFP	✓		✓	✓	✓
IGS-404SM	✓	8		4			4 SFP	✓	✓	✓	✓	✓
IGS-803SM	✓	11		8			3 SFP	✓	✓	✓	✓	✓
IGS-812SM	✓	20		8			12 SFP	✓		✓	✓	✓
IGS-1604SM	✓	20		16			4 SFP	✓		✓	✓	✓
IFS-402GSM	✓	6	4				2 SFP	✓	✓	✓	✓	✓
IFS-803GSM	✓	11	8				3 SFP	✓	✓	✓	✓	✓
IFS-1604GSM	✓	20	16				4 SFP	✓		✓	✓	✓
IGS-402F		6		4		2 SC		✓		✓	✓	✓
IGS-402S		6		4			2 SFP	✓		✓	✓	✓
IGS-500		5		5				✓			✓	✓
IGS-501S		6		5			1 SFP	✓			✓	✓
IGS-800		8		8				✓			✓	✓
IFS-402F		6	4			2 SC/ST		✓			✓	✓
IFS-500C		5	5					✓			✓	✓
IFS-800		8	8					✓			✓	✓
IFS-802GS		10	8			2 SFP		✓			✓	✓

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Ethernet Converter

Model	Managed	UTP Port		Fiber Port		Certification			
		10/100Base-TX	10/100/1000Base-T	100Base-FX	100/1000Base-X	Railway EN50121-4	Safety UL60950-1	EN61000-6-2 EN61000-6-4	CE, FCC
IMC-1000MS	✓		1		1 SFP	✓	✓	✓	✓
IMC-100		1		1 SC/ST		✓	✓	✓	✓
IMC-100C		1		1 SC/ST		✓		✓	✓
IMC-1000C			1		1 SC (1000)	✓		✓	✓
IMC-1000CS			1		1 SFP	✓		✓	✓
IMC-1000S			1		1 SFP	✓	✓	✓	✓

Serial Fiber Converter

Model	Dual Channel	Serial		Fiber		Certification		
		RS232	RS422/485	SC/ST	DaisyChain	Safety UL60950-1	EN61000-6-2 EN61000-6-4	CE, FCC
IFC-FDC	✓	2	1	2	✓	✓	✓	✓
IFC-Serial	✓	2	1	1		✓	✓	✓

PoE Ethernet Extender

Model	UTP Port	Long Distance		PoE Port	Certification			
	10/100 Base-TX	RJ11	Coaxial	IEEE 802.3at	Railway EN50121-4	Safety EN60950-1	EN61000-6-2 EN61000-6-4	CE, FCC
IEXT224-4PH	4	1	1	4		✓		✓
IEXT204-4PH	4	1		4	✓	✓		✓

PoE Injector

Model	LAN UTP Port	PoE UTP Port		Input Voltage	Certification		
	10/100/1000 Base-T(X)	10/100/1000 Base-T(X)	PoE 15.4W/30W/36W/60W		EN61000-6-2 EN61000-6-4	EN50121-4	CE/FCC
INJ-IG60-24	✓	✓	✓	24/48VDC	✓	✓	✓
INJ-IG01-PH	✓	✓	✓	48VDC	✓	✓	✓

EN 50155 Switch

Model	Managed	IP67	Total Port	UTP Port M12		Fiber Port	PoE Port	Certification					Shock Vibration IEC61373
				10/100 Base-TX	10/100/1000 Base-T			100/1000 Base-X	IEEE 802.3at	EN50155	Railway EN50121-4	Safety UL60950-1	
ITP-G802SM-8PH24	✓	✓	10		8	2 SFP	8	✓	✓	✓	✓	✓	✓
ITP-G800M-8PH24	✓	✓	8		8		8	✓	✓	✓	✓	✓	✓
ITP-802GSM-8PH24	✓	✓	10	8		2 SFP	8	✓	✓	✓	✓	✓	✓
ITP-802GTM-8PH24	✓	✓	10	8	2		8	✓	✓	✓	✓	✓	✓
ITP-800M-8PH24	✓	✓	8	8			8	✓	✓	✓	✓	✓	✓
ITP-800-8PH24		✓	8	8			8	✓	✓		✓	✓	✓
ITP-G802SM	✓	✓	10		8	2 SFP		✓	✓	✓	✓	✓	✓
ITP-G800M	✓	✓	8		8			✓	✓	✓	✓	✓	✓
ITP-802GSM	✓	✓	10	8		2 SFP		✓	✓	✓	✓	✓	✓
ITP-802GTM	✓	✓	10	8	2			✓	✓	✓	✓	✓	✓
ITP-800M	✓	✓	8	8				✓	✓	✓	✓	✓	✓
ITP-500		✓	5	5				✓	✓		✓	✓	✓
ITP-800		✓	8	8				✓	✓		✓	✓	✓

IEC 61850-3 Switch

Model	Managed	Total Port	UTP Port		Fiber	Certification				
			10/100 Base-TX	10/100/1000 Base-T		100/1000 Base-X	IEC61850-3 IEEE1613	EN50121-4	Safety UL60950-1	EN61000-6-2 EN61000-6-4
IPS-G803SM	✓	11		8	3 SFP	✓	✓	✓	✓	✓
IPS-803GSM	✓	11	8		3 SFP	✓	✓	✓	✓	✓

IP Device Server

Model	UTP Port	Serial		Certification
	10/100Base-TX	RS232	RS232/422/485	
STE-100A/RS232	1	1		✓
STE-100A-Serial	1		1	✓